

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				<b>Application Number</b>	
				10/611,333	
				<b>Filing Date</b>	
				2003-06-30	
				<b>First Named Inventor</b>	
		Odenwalder, Joseph P et al.			
<b>Art Unit</b>		2464			
<b>Examiner Name</b>		PATEL, CHANDRAHAS B			
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(f) known</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	USRE38603	09-28-2004	Kim, et al.	
	002	US5406585	04-11-1995	Rohani et al.	
	003	US5463342	10-31-1995	Guard et al.	
	004	US5483557	01-09-1996	Webb et al.	
	005	US5581575	12-03-1996	Zehavi et al.	
	006	US5627938	05-06-1997	Johnston et al.	
	007	US5647366	07-15-1997	Weng et al.	
	008	US5719852	02-17-1998	Schilling et al.	
	009	US5726978	03-10-1998	Frodigh; Carl Magnus et al.	
	010	US5752193	05-12-1998	Scholefield et al.	
	011	US5754537	05-19-1998	Jamal et al.	
	012	US5764551	06-09-1998	McCorkle et al.	
	013	US5809059	09-15-1998	Souissi et al.	
	014	US5815526	09-29-1998	Rice et al.	
	015	US5862451	01-19-1999	Grau et al.	
	016	US5903608	05-11-1999	Chun et al.	
	017	US5956642	09-21-1999	Larsson; Per .Ang.ke et al.	
	018	US5966377	10-12-1999	Murai et al.	
	019	US5969751	10-19-1999	Lee et al.	
	020	US5973642	10-26-1999	Li et al.	
	021	US5991271	11-23-1999	Jones et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>		
		<b>Application Number</b>	10/611,333	
		<b>Filing Date</b>	2003-06-30	
		<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
		<b>Art Unit</b>	2464	
		<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(f) known</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	022	US5991273	11-23-1999	Abu-Dayya et al.	
	023	US6005876	12-21-1999	Cimini, Jr et al.	
	024	US6014373	01-11-2000	Schilling et al.	
	025	US6052594	04-18-2000	Chuang; Justin Che-I et al.	
	026	US6064692	05-16-2000	Chow et al.	
	027	US6088387	07-11-2000	Gelblum et al.	
	028	US6094459	07-25-2000	Kao et al.	
	029	US6108374	08-22-2000	Balachandran et al.	
	030	US6108384	08-22-2000	Okumura et al.	
	031	US6111911	08-29-2000	Sanderford, Jr et al.	
	032	US6128349	10-03-2000	Chow et al.	
	033	US6128882	10-10-2000	Jones et al.	
	034	US6130882	10-10-2000	Levin et al.	
	035	US6131016	10-10-2000	Greenstein et al.	
	036	US6141388	10-31-2000	Servais et al.	
	037	US6201576	03-13-2001	Raghunath et al.	
	038	US6201954	03-13-2001	Soliman et al.	
	039	US6208699	03-27-2001	Chen et al.	
	040	US6219374	04-17-2001	Kim et al.	
	041	US6222875	04-24-2001	Dahlman et al.	
	042	US6222888	04-24-2001	Kao et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449-PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			<b>Application Number</b>	10/611,333	
			<b>Filing Date</b>	2003-06-30	
			<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
			<b>Art Unit</b>	2464	
			<b>Examiner Name</b>	PADEL, CHANDRAHAS B	
<b>Sheet</b>	<b>3</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	043	US6259746	07-10-2001	Levin et al.	
	044	US6292515	09-18-2001	Kao et al.	
	045	US6307844	10-23-2001	Tsunehara; Katsuhiko et al.	
	046	US6335922	01-01-2002	Tiedemann, Jr.; Edward G. et al.	
	047	US6347080	02-12-2002	Jou et al.	
	048	US6483816	11-19-2002	Tsunehara et al.	
	049	US6490461	12-03-2002	Muller et al.	
	050	US6535723	03-18-2003	Jiang et al.	
	051	US6549561	04-15-2003	Crawford; James A. et al.	
	052	US6563885	05-13-2003	Magee et al.	
	053	US6570444	05-27-2003	Wright et al.	
	054	US6571104	05-27-2003	Nanda et al.	
	055	US6574205	06-03-2003	Sato et al.	
	056	US6609007	08-19-2003	Eibling et al.	
	057	US6711208	03-23-2004	Razoumov et al.	
	058	US6744754	06-01-2004	Lee et al.	
	059	US6751444	06-15-2004	Meiyappan; Palaniappan et al.	
	060	US6757241	06-29-2004	Jones et al.	
	061	US6836666	12-28-2004	Gopalakrishnan et al.	
	062	US6847826	01-25-2005	Wesby et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>		
		<b>Application Number</b>	10/611,333	
		<b>Filing Date</b>	2003-06-30	
		<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
		<b>Art Unit</b>	2464	
		<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>4</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	063	US6847828	01-25-2005	Miyoshi et al.	
	064	US6880103	04-12-2005	Kim et al.	
	065	US6898418	05-24-2005	Rauschmayer et al.	
	066	US6917581	07-12-2005	Proctor, Jr et al.	
	067	US6937582	08-30-2005	Kronstedt et al.	
	068	US6952561	10-04-2005	Kumar et al.	
	069	US6982946	01-03-2006	Wiberg et al.	
	070	US6987798	01-17-2006	Ahn et al.	
	071	US7006429	02-28-2006	Yoshida et al.	
	072	US7012912	03-14-2006	Naguib et al.	
	073	US7016651	03-21-2006	Narasimhan et al.	
	074	US7031741	04-18-2006	Lee et al.	
	075	US7054275	05-30-2006	Kim et al.	
	076	US7061986	06-13-2006	Tonissen et al.	
	077	US7068702	06-27-2006	Chen et al.	
	078	US7076001	07-11-2006	Beadle et al.	
	079	US7092706	08-15-2006	Yang et al.	
	080	US7099397	08-29-2006	Lee et al.	
	081	US7120134	10-10-2006	Tiedemann, Jr et al.	
	082	US7155236	12-26-2006	Chen et al.	
	083	US7158504	01-02-2007	Kadaba; Srinivas R. et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/611,333	
			Filing Date	2003-06-30	
			First Named Inventor	Odenwalder, Joseph P et al.	
			Art Unit	2464	
			Examiner Name	PATEL, CHANDRAHAS B	
Sheet	5	of	12	Attorney Docket No: 030240	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(f) (known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	084	US7164669	01-16-2007	Li et al.	
	085	US7177367	02-13-2007	Storm et al.	
	086	US7187646	03-06-2007	Schramm et al.	
	087	US7190964	03-13-2007	Damnjanovic et al.	
	088	US7197085	03-27-2007	Vella-Coleiro et al.	
	089	US7215930	05-08-2007	Malladi et al.	
	090	US7257101	08-14-2007	Petrus et al.	
	091	US7269389	09-11-2007	Petrus et al.	
	092	US7272199	09-18-2007	Storm et al.	
	093	US7274743	09-25-2007	Kim et al.	
	094	US7286558	10-23-2007	Kim et al.	
	095	US7286846	10-23-2007	Chen et al.	
	096	US7313167	12-25-2007	Yoon et al.	
	097	US7317711	01-08-2008	Bae et al.	
	098	US7336640	02-26-2008	McDonough et al.	
	099	US7423992	09-09-2008	Iwamura et al.	
	100	US7447258	11-04-2008	Pietila et al.	
	101	US7463702	12-09-2008	Ammer et al.	
	102	US7505780	03-17-2009	Wei et al.	
	103	US20010019541	09-06-2001	Jou, Yu-Cheun et al.	
	104	US20020015388	02-07-2002	Kim, Dae-Gyun et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			<b>Application Number</b>	10/611,333	
			<b>Filing Date</b>	2003-06-30	
			<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
			<b>Art Unit</b>	2464	
			<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>6</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	105	US20020021692	02-21-2002	Huh, Hoon et al.	
	106	US20020067774	06-06-2002	Razoumov, Leonid et al.	
	107	US20020089923	07-11-2002	Yoshida, Makoto et al.	
	108	US20020111183	08-15-2002	Lundby, Stein A et al.	
	109	US20020131522	09-19-2002	Felgentreff, Tilman et al.	
	110	US20020154610	10-24-2002	Tiedemann, Edward G. JR et al.	
	111	US20020172217	11-21-2002	Kadaba, Srinivas R.; et al.	
	112	US20020172264	11-21-2002	Wiberg, Niclas et al.	
	113	US20020191570	12-19-2002	Kim, Youn-Sun et al.	
	114	US20020191677	12-19-2002	Chen, Hung-Kun et al.	
	115	US20030035466	02-20-2003	Proctor, James A. JR et al.	
	116	US20030039317	02-27-2003	Taylor, Douglas Hamilton et al.	
	117	US20030050084	03-13-2003	Damnjanovic, Aleksandar et al.	
	118	US20030050086	03-13-2003	Lee, Young Jo et al.	
	119	US20030058953	03-27-2003	Lee, Goon Seop et al.	
	120	US20030072392	04-17-2003	Beadle, Edward R et al.	
	121	US20030073443	04-17-2003	Bae, Beom-Sik et al.	
	122	US20030081538	05-01-2003	Walton, Jay R et al.	
	123	US20030087651	05-08-2003	Rauschmayer, Dennis et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. §Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. †Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>		
		<b>Application Number</b>	10/611,333	
		<b>Filing Date</b>	2003-06-30	
		<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
		<b>Art Unit</b>	2464	
		<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>7</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	124	US20030118086	06-26-2003	Pietila, Samuli et al.	
	125	US20030152102	08-14-2003	Morgan, William et al.	
	126	US20030156593	08-21-2003	McDonough, John G et al.	
	127	US20030210735	11-13-2003	Ahn, Seong-Woo et al.	
	128	US20040091067	05-13-2004	Ammmer, Gerhard et al.	
	129	US20040160914	08-19-2004	Sarkar, Sandip et al.	
	130	US20040208139	10-21-2004	Iwamura, Ryuichi et al.	
	131	US20040228389	11-18-2004	Odenwalder, Joseph P et al.	
	132	US20050002324	01-06-2005	Sutivong, Arak et al.	
	133	US20050007986	01-13-2005	Malladi, Durga P et al.	
	134	US20050176456	08-11-2005	Chen, Tao et al.	
	135	US20060007892	01-12-2006	Sudo et al.	
	136	US20060019701	01-26-2006	Ji; Tingfang	
	137	US20060183497	08-17-2006	Paranchych et al.	
	138	US20060215737	09-28-2006	Bang et al.	
	139	US20060264220	11-23-2006	Chen et al.	
	140	US20070111669	05-17-2007	Malladi et al.	
	141	US20080043683	02-21-2008	Kwon et al.	
	142	US20080194286	08-14-2008	Chen et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			<b>Application Number</b>	10/611,333	
			<b>Filing Date</b>	2003-06-30	
			<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
			<b>Art Unit</b>	2464	
			<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>8</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	143	WO9907089A1	02-11-1999	MOTOROLA INC [US]		<input type="checkbox"/>
	144	EP0783210A2	07-09-1997	NEC CORP [JP]		<input type="checkbox"/>
	145	EP0921652A2	06-09-1999	KOREA ELECTRONICS TELECOMM [KR]		<input type="checkbox"/>
	146	EP1292057A1	03-12-2003	MITSUBISHI ELECTRIC CORP [JP]		<input type="checkbox"/>
	147	GB2301687A	12-11-1996	DSC COMMUNICATIONS [US]		<input type="checkbox"/>
	148	GB2352944A	02-07-2001	KOREA ELECTRONICS TELECOMM [KR]		<input type="checkbox"/>
	149	JP10013325A	01-16-1998	MATSUSHITA ELECTRIC IND CO LTD		<input type="checkbox"/>
	150	JP11154919A	06-08-1999	SONY INT EUROP GMBH		<input type="checkbox"/>
	151	JP11508417T	07-21-1999	Telefonaktiebolaget LM Ericsson		<input type="checkbox"/>
	152	JP2000299680A	10-24-2000	LUCENT TECHNOLOGIES INC		<input type="checkbox"/>
	153	JP2001036500A	02-09-2001	SHARP KK		<input type="checkbox"/>
	154	JP2001238269A	08-31-2001	KDDI CORP.		<input type="checkbox"/>
	155	JP2001515300T	09-18-2001	Telefonaktiebolaget LM Ericsson		<input type="checkbox"/>
	156	JP2002159061A	05-31-2002	YRP MOBILE TELECOMM KEY TECH R et al.		<input type="checkbox"/>
	157	JP2002522988T	07-23-2002	SAMSUNG ELECTRONICS		<input type="checkbox"/>
	158	JP2003008521A	01-10-2003	FUJITSU LTD		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of Documents of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			<b>Application Number</b>	10/611,333	
			<b>Filing Date</b>	2003-06-30	
			<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
			<b>Art Unit</b>	2464	
			<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	<b>9</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	159	JP2003060606A	02-28-2003	HITACHI INT ELECTRIC INC		<input type="checkbox"/>
	160	JP2003060609A	02-28-2003	MITSUBISHI ELECTRIC CORP		<input type="checkbox"/>
	161	JP2003069523A	03-07-2003	TOYO COMMUNICATION EQUIP		<input type="checkbox"/>
	162	JP2004032518A	01-29-2004	SONY CORP.		<input type="checkbox"/>
	163	JP2004320679A	11-11-2004	NAT INST INF & AMP et al.		<input type="checkbox"/>
	164	JP2008072733A	03-27-2008	MATSUSHITA ELECTRIC IND CO LTD		<input type="checkbox"/>
	165	JP08298498A	12-11-1996	MITSUBISHI ELECTRIC CORP.		<input type="checkbox"/>
	166	RU2111619C1	05-20-1998	QUALCOMM INC [US]		<input type="checkbox"/>
	167	RU2115246C1	07-10-1998	VOENNAJA AKADEMIJA SVJAZI		<input type="checkbox"/>
	168	RU2183910C2	06-20-2002	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	169	RU2189696C2	09-20-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	170	WO0042752A1	07-20-2000	SONY ELECTRONICS INC [US]		<input type="checkbox"/>
	171	WO0048328A1	08-17-2000	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	172	WO0065743A1	11-02-2000	NOKIA MOBILE PHONES LTD [FI] et al.		<input type="checkbox"/>
	173	WO0141318A2	06-07-2001	KOREA INST SCIENCE TECHNOLOGY [KR] et al.		<input type="checkbox"/>
	174	WO0199303A2	12-27-2001	QUALCOMM INC [US]		<input type="checkbox"/>
	175	WO0199312A1	12-27-2001	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				<b>Application Number</b>	
				10/611,333	
				<b>Filing Date</b>	
				2003-06-30	
<b>First Named Inventor</b>		Odenwalder, Joseph P et al.			
<b>Art Unit</b>		2464			
<b>Examiner Name</b>		PATEL, CHANDRAHAS B			
<b>Sheet</b>	<b>10</b>	<b>of</b>	<b>12</b>	<b>Attorney Docket No:</b> 030240	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	176	WO0201762A1	01-03-2002	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	177	WO02063818A1	08-15-2002	MITSUBISHI ELECTRIC CORP [JP] et al.		<input type="checkbox"/>
	178	WO02065664A2	08-22-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	179	WO02080400A2	10-10-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	180	WO0233838A2	04-25-2002	NORTEL NETWORKS LTD [CA] et al.		<input type="checkbox"/>
	181	WO0237693A2	05-10-2002	CUTE LTD [IL] et al.		<input type="checkbox"/>
	182	WO03084163A1	10-09-2003	INTEL CORP [US] et al.		<input type="checkbox"/>
	183	WO9205556A1	04-02-1992	KONINKL PHILIPS ELECTRONICS NV [NL]		<input type="checkbox"/>
	184	WO9510144A1	04-13-1995	TELIA AB [SE] et al.		<input type="checkbox"/>
	185	WO9733399A1	09-12-1997	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	186	WO9836606A2	08-20-1998	QUALCOMM INC [US]		<input type="checkbox"/>
	187	WO9901994A2	01-14-1999	QUALCOMM INC [US]		<input type="checkbox"/>
	188	WO01017158A1	03-08-2001	QUALCOMM INC [US]		<input type="checkbox"/>

## NON PATENT LITERATURE DOCUMENTS

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<i>Complete if Known</i>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	10/611,333	
		<b>Filing Date</b>	2003-06-30	
		<b>First Named Inventor</b>	Odenwalder, Joseph P et al.	
		<b>Art Unit</b>	2464	
		<b>Examiner Name</b>	PADEL, CHANDRAHAS B	
<b>Sheet</b>	11	of	12	<b>Attorney Docket No:</b> 030240

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	189	3rd Generation Partnership Project, Technical Specification Group Radio Access Network: 3GPP TS 25.322 V4.7.0; RADIO ACCESS LINK CONTROL (RLC) Protocol Specification; Release 4, December 2002 (2002-12), pages 1-76.	
	190	ATTAR et al., "A Reverse Link Outer-Loop Control Algorithm for cma2000 1xEV Systems," IEEE International Conference on Communications, New York, NY, April 28, 2002, pages 573-578.	
	191	CHEN, TAU, "Method and Apparatus for Forward Link Power Control During Soft Handoff in a Communication System", US Provisional Application 60/356,929 entitled, filed 2/12/02, QUALCOMM Incorporated.	
	192	HAMAGUCHI, et al., "Characteristics of Orthogonal Slow-FH/16QAM method applying Interference-resistant Demodulation," Proceedings of Inst. Of Electronics, Information and Communication Engineers, B-II, June 25, 1995, vol. J78, B-II, no. 6, pp. 445-453.	
	193	SARKAR S., et al., "Adaptive Control of the Reverse Link in cdma2000", International Journal of Wireless Information Networks, Vol. 9, No. 1, pp. 55-70 1/2002.	
	194	SARKAR S., et al., "cdma2000 Reverse Link: Design and System Performance", 2000 IEEE, vol. 6, pgs 2713-2719, 9/24/2000.	
	195	SOHN et al., "Blind Rate Detection Algorithm in WCDMA Mobile Receiver", IEEE 54th Vehicular Technology Conference Proceedings, Atlantic City, NJ, October 7, 2001, pages 1589-1592.	
	196	SUNAY, M. OGUZ, et al.: "Provision of Variable Data Rates in Third Generation Wideband DS CDMA Systems," Wireless Communications and Networking Conference, 1999, 21 September 1999, pgs 505-509.	
	197	TIA EIA interim Standard IS-856-1, "CDMA2000 High Rate Packet Data Air Interface Specification, Addendum 1, January 2002, Pages 9-23 - 9-57, XP002299790.	
	198	YOU Y.-H., et al.: "MC-VSG BNET System for High-Rate Wireless Personal Area Network Applications, IEEE Transactions on Consumer Electronics, IEEE Inc., New York US, Vol. 48, No. 2, May 2002, pgs 254-264.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional).  
 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3).  
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Indicate document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.